

REV.	DESCRIPTION	DATE	APPROVED
B	Updated Uncut Leads	06/06/08	M. C.
C	Updated Uncut Leads Note	12/24/08	T. Y.
D	Updated P/N's on Page 2	09/16/09	T. Y.
E	Updated LED Protrusion	10/19/09	T. Y.
F	Added Low Current & 5V LED Specs on Page 3	06/26/16	J. C.



STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED)			
<u>DECIMALS</u>	<u>ANGULAR</u>	4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974	
.X ± .1	X° ± 1°	TITLE: MOLDED, SELF-RETAINING T-1 3/4 (5mm) LED MOUNT ASSEMBLY	
.XX ± .02			
.XXX ± .010			
DESIGNED:	DATE:	PART NO:	REVISION:
D. Beckman	06/14/07	SLMXXX5XXX	F
CHECKED:	DATE:	CAGE CODE : 32559	SHEET # 1 OF 3
T. Yin	06/14/07	CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.	

REV.	DESCRIPTION	DATE	APPROVED
	SEE SHEET #1		

Assy Part No.	Chip			Lens Appearance	Electro-Optical Data			Viewing Angle 2 θ ½ (Deg)	LED Part No.
	Material	Peak Wave Length λp(nm)	Emitted Color		Vf (V)		Iv (mcd)		
					TYP	MAX	TYP		
STANDARD					Data @ 20mA				
SLMXXX5BWC	GaN/SiC	430	BLUE	WATER CLEAR	4.0	4.5	30	25	5BWC-F
SLMXXX5BWD	GaN/SiC	430	BLUE	DIFFUSED	4.0	4.5	15	40	5BWD-F
SLMXXX5BWT	GaN/SiC	430	BLUE	TINTED	4.0	4.5	30	25	5BWT-F
SLMXXX5PGC	GaP/GaP	555	PURE GREEN	WATER CLEAR	2.2	2.8	10	35	5PGC-F
SLMXXX5PGD	GaP/GaP	555	PURE GREEN	DIFFUSED	2.2	2.8	10	40	5PGD-F
SLMXXX5PGT	GaP/GaP	555	PURE GREEN	TINTED	2.2	2.8	10	35	5PGT-F
SLMXXX5GC	GaP/GaP	568	GREEN	WATER CLEAR	2.1	2.8	40	35	5GC-F
SLMXXX5GD	GaP/GaP	568	GREEN	DIFFUSED	2.1	2.8	25	40	5GD-F
SLMXXX5GT	GaP/GaP	568	GREEN	TINTED	2.1	2.8	40	35	5GT-F
SLMXXX5YC	GaAsP/GaP	590	YELLOW	WATER CLEAR	2.0	2.8	40	35	5YC-F
SLMXXX5YD	GaAsP/GaP	590	YELLOW	DIFFUSED	2.0	2.8	25	40	5YD-F
SLMXXX5YT	GaAsP/GaP	590	YELLOW	TINTED	2.0	2.8	40	35	5YT-F
SLMXXX5HC	GaAsP/GaP	625	HE RED	WATER CLEAR	2.0	2.8	50	35	5HC-F
SLMXXX5HD	GaAsP/GaP	625	HE RED	DIFFUSED	2.0	2.8	40	40	5HD-F
SLMXXX5HT	GaAsP/GaP	625	HE RED	TINTED	2.0	2.8	50	35	5HT-F
SLMXXX5RC	GaP/GaP	700	RED	WATER CLEAR	2.1	2.8	2	35	5RC-F
SLMXXX5RD	GaP/GaP	700	RED	DIFFUSED	2.1	2.8	1.5	40	5RD-F
SLMXXX5RT	GaP/GaP	700	RED	TINTED	2.1	2.8	2	35	5RT-F

STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED) $\pm 10\%$ ALL VALUES ANGULAR		 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974	
			TITLE: MOLDED, SELF-RETAINING T-1 3/4 (5mm) LED MOUNT ASSEMBLY
DESIGNED: D. Beckman	DATE: 06/14/07	PART NO: SLMXXX5XXX	REVISION: F
CHECKED: T. Yin	DATE: 06/14/07	CAGE CODE : 32559	SHEET # 2 OF 3
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REV.	DESCRIPTION	DATE	APPROVED
	SEE SHEET #1		

Assy Part No.	Chip			Lens Appearance	Electro-Optical Data			Viewing Angle 2 θ ½ (Deg)	LED Part No.
	Material	Peak Wave Length λp(nm)	Emitted Color		Vf (V)		Iv (mcd)		
					TYP	MAX	TYP		
LOW CURRENT					Data @ 2m A				
SLMXXX5BWDL	GaN/SiC	430	BLUE	DIFFUSED	3.8	4.2	4	40	5BWDL-F
SLMXXX5GDL	GaP/GaP	568	GREEN	DIFFUSED	2.1	2.6	4	40	5GDL-F
SLMXXX5YDL	GaAsP/GaP	590	YELLOW	DIFFUSED	2.0	2.6	4	40	5YDL-F
SLMXXX5ADL	GaAsP/GaP	605	AMBER	DIFFUSED	2.0	2.6	4	40	5ADL-F
SLMXXX5HDL	GaAsP/GaP	625	HE RED	DIFFUSED	2.0	2.6	5	40	5HDL-F
SLMXXX5SRDL	GaAlAs/GaAs	645	RED	DIFFUSED	1.7	2.3	6	40	5SRDL-F

Assy Part No.	Chip			Lens Appearance	Electro-Optical Data			Viewing Angle 2 θ ½ (Deg)	LED Part No.
	Material	Peak Wave Length λp(nm)	Emitted Color		Vf (V)		Iv (mcd)		
					TYP	MAX	TYP		
5 VOLT					Data @ 5V				
SLMXXX5BWD5V	GaN/SiC	430	BLUE	DIFFUSED	-	5.0	15	40	5BWD5V-F
SLMXXX5GD5V	GaP/GaP	568	GREEN	DIFFUSED	-	5.0	25	40	5GD5V-F
SLMXXX5YD5V	GaAsP/GaP	590	YELLOW	DIFFUSED	-	5.0	25	40	5YD5V-F
SLMXXX5AD5V	GaAsP/GaP	605	AMBER	DIFFUSED	-	5.0	25	40	5AD5V-F
SLMXXX5HD5V	GaAsP/GaP	625	HE RED	DIFFUSED	-	5.0	30	40	5HD5V-F
SLMXXX5RD5V	GaP/GaP	700	RED	DIFFUSED	-	5.0	1.5	40	5RD5V-F

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		TITLE: MOLDED, SELF-RETAINING T-1 3/4 (5mm) LED MOUNT ASSEMBLY	
DESIGNED: D. Beckman	DATE: 06/14/07	PART NO: SLMXXX5XXX	REVISION: F
CHECKED: T. Yin	DATE: 06/14/07	CAGE CODE : 32559	SHEET # 3 OF 3
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